

Product specifications for model 2423
Product Specifications (switch, relay)

sensor type	variable-area
functions	gauge/switch, switch
min. range	0-10 GPM water
max. range	0-30 GPM water
max. line pressure	1500 psig
min. burst pressure	7000 psig
standard maximum temperature	gauge/switch: 176°F standard, 150°F (plastic lens) switch: 176°F standard, 131°F relay
high temperature construction	N/A
minimum temperature*	<i>*Consult factory for low-temperature applications.</i>
calibration accuracy**	±2% of full scale ascending after rap at room temperature (for standard water and standard hydraulic oil calibration) <i>**Calibration accuracy is affected by temperature, and also by liquid-filling and follower-pointer options.</i>
repeatability	±1% of full scale
switches/relay	1 or 2 hermetically sealed reed switches or 1 relay in weatherproof enclosure
switch adjustability	upper 80% of full scale ascending (70% for B & C form switches in SST)
switch dead band	5-20% full scale
certification/rating	CE, NEMA 4X, IP65

Standard configuration options (switch, relay)

configuration	unless otherwise specified	standard options available
porting size	1" NPT	N/A
porting orientation	in-line	N/A
direction of flow	left to right	right to left (reverse porting), vertical flow up, vertical flow down
calibration medium	(must be specified) (Oil not available for EPDM units)	water (S.G.=1, Vis.=1 CS) hydraulic oil (S.G.=.86, Vis.=78 CS)
switches	(must be specified)	-A SPST N/O (120VAC,0.7A,70VA;200VDC,1.0A,50W) -B SPST N/C (120VAC,0.25A,5VA;175VDC,0.25A,5W) -C SPDT (120VAC,0.25A,5VA;175VDC,0.25A,5W) -R2 DPDT relay (contacts:120VAC,28VDC,10A coil:120VAC or 24VDC)
switch setting	set at top of range ascending	other set points within adjustability ascending or descending
primary wetted parts	(must be specified)	aluminum, 316SS
secondary wetted parts	range spring: 302SS magnet: Teflon-coated ceramic metering cone: Teflon	Teflon-coated spring
static seals	buna-N	Viton, Teflon, neoprene, EPDM, fluorosilicone
lens	glass	plastic
dial sizes	(must be specified)	2.5", 3.5", 4.5", 6"
dial case styles⁺	"B" Basic Case (c-clamp not available)	N/A
starting mark on dial	approximately 10% of full scale	N/A